



Illustration by David H. Wagner;
From 'Guide to the Species of Botrychium in Oregon'

BOTRYCHIUM CRENULATUM
WAVY MOONWORT

Wavy Moonwort is a perennial with a single aboveground frond. The frond is usually 10 cm or less tall, yellow-green, and divided into two segments that share a common stalk. The mostly sterile segment is once pinnatifid with usually three or four well separated pairs of thin textured, broadly fan-shaped pinnae that have distinct veins and scalloped margins. The fertile segment is longer than the sterile segment, branched like a tiny Christmas tree, and bears grape-like sporangia. Fronds mature in June-July.

Distinguished from *BOTRYCHIUM ASCENDENS*, *B. LUNARIA* AND *B. MINGANENSE* by the yellow-green color, well separated, thin textured, broadly fan-shaped pinnae with scalloped margins, and prominent veins. Positive identification of moonworts depends on the use of technical keys and on comparison with silhouette outlines of verified specimens, often complicated by morphological variation within and between populations, and the presence of several species growing together at the same site.